



IFW

PTO/SB/21 (08-03)

Approved for use through 07/31/06. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/728,132
Filing Date	December 4, 2003
First Named Inventor	Peter J. Hopper et al.
Group Art Unit	2812
Examiner Name	Hoang, Quoc Dinh
Attorney Docket Number	100-23700 (P05749)

Total Number of Pages in This Submission 2

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final (Response) <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney By Assignee and Establishment of Right of Assignee to Prosecute Under 37 CFR §3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Certificate of Mailing		
<table><tr><td>Remarks</td><td></td></tr></table>			Remarks	
Remarks				

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark C. Pickering, Reg. No. 36,239
Signature	
Date	July 26, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: July 26, 2004

Typed or printed name	Robin L. King		
Signature		Date	July 26, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENT

Attorney Docket No. 100-23700 [P05749]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
APPLICATION FOR UNITED STATES PATENT

In re Patent Application of)	Group Art Unit: 2818
Peter J. Hopper et al.)	Examiner: Unknown
Appln. No. 10/728,132)	POWER OF ATTORNEY BY ASSIGNEE AND
Filed: December 4, 2003)	ESTABLISHMENT OF RIGHT OF ASSIGNEE
For: VERTICAL MOS TRANSISTOR)	<u>TO PROSECUTE UNDER 37 C.F.R. §3.73(b)</u>
_____)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

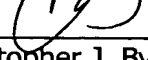
Sir:

NATIONAL SEMICONDUCTOR CORPORATION, assignee of the entire right, title and interest in the above-identified application by assignment dated November 18, 2003, **which assignment is recorded in the U.S. Patent and Trademark Office at Reel 014768, Frame 0230**, hereby appoints the Law Offices of Mark C. Pickering, a firm composed of: Mark C. Pickering (36,239); and the following members of the National Semiconductor Corporation Intellectual Property Department: Christopher J. Byrne (32,204); Eugene C. Conser (39,149); John Maxin (34,668); Coleman F. Reif (38,593); Allen R. Tremain (40,207); Andrew S. Viger (28,552); and Peter Y. Wang (40,452) as our attorney(s) or agent(s) to prosecute the above-identified application, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Mark C. Pickering
Law Offices of Mark C. Pickering
P.O. Box 300
Petaluma, California 94953-0300
Direct Telephone: (707) 762-5583
Main Telephone: (707) 762-5500
Facsimile: (707) 762-5504
Customer No. 33402

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Dated: 7/19/04

By: 
Name: Christopher J. Byrne
Title: Director of Intellectual Property and Technology
Licensing
NATIONAL SEMICONDUCTOR CORPORATION